

CDS

Query Match	99.4%	Score 5091.6	DB 9	Length 2222	
Best Local Similarity	99.9%	Pred. No. 0			
Matches 5094; Conservative	0	Mismatches	4	Indels	0
				Gaps	0

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/ IDAGVGLIESTIVYSGLEDAADVFQSGAYWYDWSEBALKOTYINONGAAYONY
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/ VYSGVYSPGLACEDVWGGKLLYMTDSENRLEAVNLGNTSKYVLEMODDQPAALADP
/ IIRANLDSGROKVEYGLTFRPALTLSCGTLWTWMTSSHTACKRCRGGKRLTSL
/ ALXSPMDIOYLSOEROGPFHRCCEENGGCHCLLSPSEFPATCKCPGVLQDNGR
/ TCAGAEYELLARPTDLRIALDPPEPTDVLQVDDIIRAIADIDPEGLYVWTD
/ EVNAIRATLDESPALHTPVMGLMTWPMGEMPKTECANLDGGERIVANASLGMNGR
/ KLVASDIDLEPRAALHPVGLMTWPMGEMPKTECANLDGGERIVANASLGMNGR
/ ALIDGKRLMGDANTDKLEIVNIDGKTRRLLEDKTLPHLFGTLLGDFYTMQDOR
/ SIRERKAVASRDVYLLIDPLDMGLKANAKAVVGTCPADRNGGCHLCEFPAPATR
/ CGCGTIGLETLSDMKTCIYBEAFVYFTRSAIHRISLETNNDVADLPLTGKKAALDE
/ DGSNNHLYMTDVSLEKTSIRAFNAGSSVSHVEFGLDPEGADDMGKRLXYARDQNT
/ RIEKARVADGFOYVLRMDLNDPRLSLADPKPKYIYTWMEGKGRVYLRPMDSQTNMT
/ LRVNKGANDGTLIDYDORLWTYDLDNTNATSSNMLGOERVYIADDLPHFGTLOXSD
/ IYTWPMGANDTIRADTSGNSRNTLQGLHFEVDDILVFRSSRODGLDNDMHNNGCG
/ YIYTWPMGANDTIRADTSGNSRNTLQGLHFEVDDILVFRSSRODGLDNDMHNNGCG
/ QULCATGCHGRGCCAHTYLDLVWNGRINIRAKDDGTGTFVLTLSQOENGLDYPHIDS
/ LHGKANKRAIDYDPLDKFTYMWNGRINIRAKDDGTGTFVLTLSQOENGLDYPHIDS
/ IALITSRLEWTCEANTNTINHRLSGEAMVYVRSGRDPRALIVNAEGNDLFTPMDD
/ RAAIIRERALDGETEREYLFYTGILIRPVALYVONTLIGKLFEMWDAKLTRESQDLSGAR
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/ LLEDAIVNOPLGTLTIGKLFEMWDAKLTRESQDLSGAR
/ EYSLIEEFSAHPCARDNGGCHSHCIKAGGTGPRCSPPHVALYINOLLTCGEPKCSDD
/ OFACATGEIDICPGAMRGCEPDCDDSDDEEGPVCSAOFPACAGKACDRLRACDDE
/ ADCORSEDAEDCDALCPNQFRCASGQCVILKQOCSVCTCDGSDDELMACITCTPPSD
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/ PLRACGSHGFPFTGIACGSKMSQSSVLMGRRGVPLDHNHNTGASSSSSSTAKATLYL
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CTDSSS

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[illegible]

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	QY	4568	cgcgcgcgcctccccggcacaagaccctcccttgatacaatagatgatctta	4627
	Dd	4586	ccgcgcgcctccccggcacaagaccctcccttgatacaatagatgatctta	4645
	QY	4628	aacattccgcacactgcagacacctgtataagccctcatcatcttcggagaatgcgccccg	4687
	Dd	4646	AACATTCCTGGCCCACTGGAGACCCTACAGAGCCCTCATCATTTTCAGAGAAATGGCCCCCG	4705
	QY	4688	acgaagcccttcgcagcacacgaacgtgtgtgaacagcactacagccgcaagccgtggaagcc	4747
	Dd	4706	ACGAGCGCCTTCGACACACCGACGCTGTGTGACAGCAGCATACAGGCCACGCCGTGGAAGGCC	4765
	QY	4748	agcaagtactactccctgattgaactcgttagactagacacccatcacccccacccaagccc	4807
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	QY	4868	tacttcacatctcttcgcgcgcgcctccgcgtccctccctgcacagcactaatcctgcactgcgcg	4927
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	Dd	4946	GAGCACTGTGCTTCTCTGTGCCCCCTGTAAATGACTTTTAATATGMAACAAGAAAAAAT	5005
	QY	4988	atatctcaatgatlttaaaaataataataataattggagattttaaaaatgagaaatggtaac	5047
	Dd	5006	ATAATTGATGATTTAAAAATAAAAATATATGGGATTTTAAAAACATGAGAAATGTGAC	5065
	QY	5048	tgtgatggggttggcagggcgtgcggaacttgtacagtggagaaatttatataact	5105
	Dd	5066	TGTGATGGGTTGGCGCAGGCGTGGAGAACTTTGTACAGTCGAGAAATATTTATTAAC	5123
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LOCUS	AF064548			
DEFINITION				AF064548 Homo sapiens low-density lipoprotein receptor-related protein 5
(LRP5) mRNA, complete cds.				
ACCESSION	AF064548			
VERSION	AF064548.1			GI:3641526
SOURCE				
ORGANISM				human.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;				
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.				
REFERENCE				
AUTHORS				1 (bases 1 to 5100)
				Hey,P.J., Twells,R.C., Phillips,M.G., Yusuke,Nakagawa, Brown,S.D.,
				Kavaguchi,Y., Cox,R., Guo,Xie,G., Dugan,V., Hammond,H., Metzker,M.L.,
				Todd,J.A. and Hershey,J.F.
				Cloning of a novel member of the low-density lipoprotein receptor
				family
				Gene 216 (1), 103-111 (1998)
JOURNAL				
MEDLINE				98382578
REFERENCE				2 (bases 1 to 5100)
AUTHORS				Hey,P.J., Twells,R.C., Phillips,M.S., Nakagawa,Y., Brown,S.D.,
				Kavaguchi,Y., Cox,R., Xie,G., Dugan,V., Hammond,H., Metzker,M.L.,
				Todd,J.A. and Hershey,J.F.
TITLE				Direct Submission
JOURNAL				Submitted (11-MAY-1998) Human Genetics, Merck Research Lab,
				Sumneytown Pike, West Point, PA 19486, USA
FEATURES				
SOURCE				1..5100
				/organism="Homo sapiens"
				/db_xref="taxon:9606"

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OY	4568	ccgcgcgcctcccccgcgaagagccctccctcgttaaacatgaaatgctctaccttca	4627
Db	4586	ccggccggccctcccccgcacagaccctccctcttacaacatggacactgttctacgttca	4645
OY	4628	aaactccgcgcactctgagacagctacagagccctacatcatcttcgaaagaaatggccccc	4687
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OY	4688	acgacgcctctcagcacccgaagctgtgtgacagcgaactacagcgccagccgcgtctgaaagcc	4747
Db	4706	ACGAGCGCCCTGACACCGAGCGAGTGTGTGACAGGAGACACGACCGCCGCTGGAAGGCC	4765
OY	4748	agcaagctacccgtgatttgaactcgtgaactcagaaccctatcacccccaccagagccc	4807
Db	4766	ACCAAGTACTCCTGGATTGAACTCGGACTCAGACCCCTATCCACCCCGCACCGCCG	4825
OY	4808	cacacgcgaactcctctcgcgaggaagacagctgtccgcgcctgcgccgcagcgagggagc	4867
Db	4826	CACAGCGACTACTCTCGCGGAGAGACAGCTGCCGCCCTCGCCCGCACCGAGGAGGC	4885
OY	4868	tacttcacatcttcccgccccctccgccccctcgcgcgcgaagagctatcctaactcgcgcg	4927
Db	4886	TACTTCCACTCTTCCCGCCCCCTCGTCCGCCCTCGACGAGCTATCTCTGACCTCGGCCG	4945
OY	4928	ggccactcgtgctctctgtcgccctgtgaaatagttttaaatatgaaacaagaaaaaat	4967
Db	4946	GGCCACTCTGGCTCTCCTGTGCCCTGTAAATAGTTTAAATATGAAACAAAAGAAAAAT	5005
OY	4988	ataattcattgaattaaaaataataataattgggagttttaaaaaatagagaattgtgac	5047
Db	5006	AAATTATTGATTTAAAAAATAAATAATATTTGGGATTTTAAAAACAATGAGAAATGTGAAC	5065
OY	5048	tgtgattgggttggcagggcgtggaagaaacttgtaacgttgcgtggaagaatatattaaact	5105
Db	5066	TGTGATTGGGTGGGCGAGGCTGGGAAACATTTTGTAACGTGAGAAATATTTTAAACT	5123

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RESULT 4
AF064548 5100 bp mRNA linear PRI 22-SEP-1998
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DEFINITION Homo sapiens low-density lipoprotein receptor-related protein 5
(LRP5) mRNA, complete cds.
ACCESSION
AF064548
VERSION
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KEYWORDS
SOURCE
ORGANISM
human.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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JOURNAL Gene 216 (1), 103-111 (1998)
MEDLINE 98382578
REFERENCE
2 (bases 1 to 5100)
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Kawaguchi,Y., Cox,R., Xie,G., Dugan,V., Hammond,H., Metzker,M.L.,
Todd,J.A. and Hess,J.F.
Direct Submission
Submitted (11-MAY-1998) Human Genetics, Merck Research Lab,
Sumneytown Pike, West Point, PA 19486, USA
FEATURES
Location/Qualifiers
1..5100
/organism="Homo sapiens"
/db_xref="taxon:9606"

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[illegible]